

The Ecology of Food Fishes, by V. S. Ivlev.

RUSSIAN, bk, Ekologiya ot Pyshe (or Pitaniye
Fishchly).

*Yale University Press

Per NSF "Science Information News, Vol I, No4.

Ivlev, V. S.
ANALYSIS OF THE MECHANISM OF DISTRIBUTION
OF FISHES UNDER THE CONDITIONS OF A TEM-
PERATURE GRADIENT, tr. by L. Birkett. 1960
[8]p. (2 figs. omitted) 9 refs. Ministry of Agriculture,
Fisheries and Food B. 8273; [DSIR LLU] M. 3024.
Order from OTS or SLA \$1.10 61-27576

Trans. of Zool[ogicheskii] Zh[urnal] (USSR) 1960,
v. 39, no. 4, p. 494-499.

DESCRIPTORS: *Fishes, *Ecology, Temperature,
Distribution.

Theoretical curves were constructed for the probable
distribution of carp and salmon larvae under the con-
ditions of a temperature gradient, on the basis of
direct measurements of the velocity of the larvae at
various temperatures. These curves were compared
(Biological Sciences, TT, v. 6, no. 11) (over)

61-27576

- I. Ivlev, V. S.
- II. MAFF B-8273
- III. DSIR LLU M. 3024
- IV. Ministry of Agriculture,
Fisheries and Food
(Gt. Brit.)

Rept. Intern.
QH301 C373 No 364

Office of Technical Services

Ivlev, V. S.
MATHEMATICAL ANALYSIS OF THE POPULATION
DYNAMICS OF FISH (Matematicheskii Analiz
Dinamiki Chislennosti Ryb). 1961, 10p. 10 refs.
PL-480 Int.
Order from OTS \$0.50

60-51145

Trans. of Leningrad U. Vestnik (USSR) 1959 [v. 14]
no. 9 [Seriya Biologii] no. 2, p. 119-127.

DESCRIPTORS: *Fishes, *Ecology, Economics,
Population, Mathematical analysis.

Fluctuation in population numbers is investigated for
fish population. Basic conceptions and terms adopted
at present are described, and the method of the mathe-
matical investigation of the problem of fish numbers
is outlined. The greatest attention is paid to the in-
dices of those various forms of mortality that baffle
concrete determination.

60-51145

- I. Ivlev, V. S.
- II. PL-480 Int (60-51145)
- III. National Science Foundation,
Washington, D. C.

107154

(Biological Sciences--Zoology,
TT, v. 7, no. 7)
Office of Technical Services

Distribution of Arsenic and Selenium Impurities in
Zone Refining of Antimony, by V. I. Vigdorchich,
V. S. Ivleva, L. Ya. Krol'.

RUSSIAN, per; Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Metal i Toplivo, No 4, 1961, pp 29-30.

H. Cygielski, B.Sc., No 2/4/61
115, Brent Lane
Dartford, Kent - England

Sci - Chem, Min/Metal

Nov 61

174,556

Experimental Ecology of the Feeding of Fishes:
by Viktor Sergeevich Ivlev.

RUSSIAN, bk,

Dept of Interior
QL539 I8

181,535

Sci - Biol

Jan 62

Electrodes for High Speed Welding, by E. A. Ivleva,
A. M. Gofner, 4 pp.

RUSSIAN, per, Svaroch Proiz, No 7, 1960, pp 29-30.

BWRA

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Sci

Oct 61

Sensing Element of Mass Fuel of Gas Consumption, by Yu. I. Ivlichev, E. A. Ismiyev,
4 pp.

RUSSIAN, Patent No 139,098, 27 Sep 1960,
pp 1-2. 9678109

FTD-TT-62-779

Sci - Engr
Sep 62

211, 100

Addition of Pressures in a Pneumatic Instrument
With a Compensating Throttling Device, by Yu. I.
Ivlichev, 3 pp.

RUSSIAN, per, Priboystroyeniye, No 6, 1960,
pp 9-11.

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Sci

Mar 61

141,558

R-30/60

(DC-3536).

Peculiarities in Calculating the Construction
Costs of Inland Waterway Passenger and Cargo-
Passenger Ships, by A. Ivliyev, 12 pp.

RUSSIAN, per, Rechnoy Transport, No 1, 1960,
pp 31-33.

JPRS 3133

USSR

Econ - Water Transportation

Apr 60

113,855

TASKS FOR FURTHER REDUCING TRANSPORTATION
COSTS, BY I. V. JUREV, 12 PP.

RUSSIAN, PPR, INTELLECTUAL TRANSPORT, NO 4, 1963,
PP 15-20.

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(NY-5100)

PRICE FORMATION AND THE RATES OF RAILROAD
TRANSPORT, BY I. V. IVLIYEV, 5 PP.

RUSSIAN, PER, ZHELEZNOGORODNIY TRANSPORT, NO 1,
1962, PP 11-17.

JPRS 13867

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ECON
JAN 62

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Ivlev, V. G.
HET ONTWERPEN VAN GEAUTOMATISEERDE
FABRIEKEN (Designing of Automatic Factories) 21 p.
MTWL: 875. (text in Dutch).
Order from OTS or ETC \$1.85

61-17639

DESCRIPTORS: Industrial productions, *Automation,
Machines, *Textile industry,

61-17639

- I. Ivlev, V. G.
- II. MTWL-875
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

(NY-7024)

Designing an Automatic Factory, by V. G.
Ivliyev, 13 pp.

RUSSIAN, per, Tekstil Prom, May 1957,
pp 30-35.

JPRS 13561

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Sci - Engr

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Speed Control of a D. C. Motor Fed From a Magnetic
Amplifier, by V. D. Afanas'yev, Ivobotenko, 11 25.

RUSSIAN, ~~sci~~, Elektrichestvo, No 3, 1958, pp 14-19.

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Feb 61

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Individual Drives for the Stands of Reduction
and Calibrating Tube Rolling Mills, by
V. A. Ivrobotenko.

RUSSIAN, par, Elektrichestvo, No 6, 1962, pp T3-75.

CFSTI TT-65-81409

(1044)

ML M 5096

Sci - Electron

May 63

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83
Electromagnetic Profiling in Geological
Mapping, by V. G. Ivochkin, 15 pp.
RUSSIAN, per. Vestnik Leningradskogo Universi-
ta. Geologii i Geografii, Vol 4, No 24,
1964, pp 69-77.
JPRS 28926

Sci-Earth Sciences & Astronomy
Mar 65

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HUNGARIAN, per, Kozlekedestudományi Szemle,
Vol X, No 1, 1960, Budapest, pp 1-7.

JPRS 5033

HEur - Hungary

Reon

Aug 60

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Quantitative Determination of Titanium from
Secondary X-Ray Spectra, by A. S. Ivoilov,
N. P. Losev, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 10, 1957, pp 1465

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Sci - Phys

Feb 59

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(DC-3387).

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A. Ivolgin, 6 pp.

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JPRS-3038

Sci - Engr
Mar 60

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A Paratroop Unit, by B. Druzhinin, V. Ivonin,
4 pp. UNCLASSIFIED

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17 Sep 1954, Encl to APOIN-1A1-382-54,
22 MEMH Nov 1954. CIA D 113205.

AF 637701

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Military - Paratroop Unit, flights
night jumps, education

Jan 55 CTS/DEK

Gravimetric Determination of Palladium With 1,2-Cyclohexanedione (Nioxime), by N. K. Pashchitsyn, O. M. Ivonina, 10 pp.

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ANU Tr-4051
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Sci - Chem
Feb 61
FBI-78

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On Solubility of Palladium Cyclohexanedioneiodide,
by N. K. Pshenitsyn, O. M. Ivonina, 4 pp.

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pp 317-319.

ABC-tr-1052
PL-480

Sci

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PBT No 79

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Spectrophotometric Determination of Palladium
With Nitoxime and α -Benzylidioxime, by N. K.
Pshenitsyn, O. M. Ironina, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 10,
1958, pp 1185-1188.

Instru Soc of Amer

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Apr 60

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Stability of Crystal Structure in the Solid
Solution System HgSe-HgTe , by O. D. Eopat'evskaya,
R. A. Konikova, A. R. Regel', I. V. Iavorskiy,
3 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 10, ^{Oct 1956}
pp 2154-2156.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol I, No 10

Sci - Minerals/Metals
Nov 57

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Contribution to the Problem of Forced
Pseudoharmonic Oscillations of Rods on
Elastically Compliant Supports, by V. A. Ivovich,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 42-45.

Amer Inst of Phys
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Vol III, No 2

Sci - Phys

Jul 59

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Subharmonic Oscillations of Rods With Nonlinear
Inertia, by V. A. Ivorich, ¹ 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2, 1958,
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Sci - Phys

Jul.59

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Method of Determining the X-ray Mass Absorption
Coefficient of Powdered Materials and of
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Apr 60

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The Use of Microradiography for the Investigation
of Mineral Raw Material, by A. S. Ivoylov,
D. T. Grebennikova, 3 pp.

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1958, pp 582-584.

Instru Soc of Amer

Sci

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Fire From APC's, by V. Ivoylov.

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USIB USE ONLY

ACSI
E&A Br TM-613

USSR - Mil

Oct 62

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The Positioning of Sensing Devices in a Converter, by
A.I. Ivushkin, 3 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXII, No 3,
1961, pp 406 - 408.

ISA

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Sci
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Glass Concrete Roasting Panels, by Semy A. Z.
Ivynsky. UNCL

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No 3, 1958, pp 15-21.

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SLA-87-18762

Sci - Engr
Apr 59

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Friction Clutch, by Scott-Iversen, Paul Arns,
4 pp.

DANISH, Patent No 46,612.

Dept of Commerce
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Sci Lib (gift)

Sci - Engineering
Jan 59

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Preparation of Photographic Emulsions by the
"Continuous" Method, by A. V. Borin, S. A. Ivleva,
6 pp.

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348.

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NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Physics
Oct 58

SLR R-3284

IAC INTERNAL USE ONLY

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Habitual Dislocation of the Shoulder in
Flight Personnel by N. S. Ivlev, V. A.
Karelin

RUSSIAN, no per, Voenno Med Zhur, No 7,
Moscow, July 1960, pp 19-21

US JPRS 7432

*Jan 61
See
Assembl*

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Photographic Material With a Constant Coefficient
of Contrast in the Visible Region of the Spectrum, by
A. V. Borin, A. F. Makovskiy, M. G. Odintsov, S. A.
Irlava, V. I. M Avrahmov, ~~1977~~ ^{XXIV} 21 pp.

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pp 1499-1502.

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Sci - Physics
Nov 1955 CTS/dex

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Structural Changes in a Substance Under the
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A. N. Iyerusalinskaya, V. I. Samoylov, et al.
13 pp.

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Materialov, No 4, 1968, pp 26-34.
ATN/PID/ET-24-112-69

A. N. Iyerusalinskaya
sci/ physics
nov 69

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Experimental Studies on Congenital Bone Marrow
Fragility and Leukemia, by Y. Iwahashi, et al.
JAPANESE, per, Nippon Ketsueki Gakkai Z.
Vol 21, 1958, pp 20-36.
ADAM INDEX B-33-67

Y. Iwahashi

Sci - B&H
Sept. 67

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Abstract of Trip on Ship Turning Facilities,
by A. Iwai.
SAFARISS, per, Nihon Kokai Gakkaishi, Vol 26,
1961, pp 49-.
NLL Ref: 0022.0650 1966 (2224)

A. Iwai

Sol-Engt
Aug 66

508,545

78
Wind Forces Acting on a Hooped Ship,
by A. Iwai, S. Tajima.
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Vol 26, No 12, 1961, pp 55-.
NLL Ref# D032,0058 1966 (2225)

A. Iwai

Sci-Tech Index Civil
Marine Engineering
Sept 66

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Measurement of the Thermal Conductivity of Snow
Cover, by Z.Yosida, H. Iwai, 9 pp.

JAPANESE

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Sci -

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Aug 57

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Iwai.

JAPANESE

Dept of Interior
209(900) qUn33pr No 326

Oct 62

Study on Increasing the Nutritional Value
of White Rice, by K. Kondo, H. Mitsuda,
K. Iwai, K. Sasakura, 7 pp.

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Year 1951), Min of Education Sci Testing
Studies, May 1951, pp 4-7.

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Scientific - Biology
CTIS 70/Jul 55

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AEC-tr-4482(p.1136-60) Uncl.

THE TREATMENT OF LYMPH NODE METASTASIS OF
CARCINOMA OF THE CERVIX UTERI WITH CRI
($\text{Cr}^{32}\text{PO}_4$, Au^{198}). S. Iwai, H. Takizawa,
and R. Nakazawa.

G-23 P NSA

Second Japan Conference on
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N-5

The Melting-point Depression of Water
in Sorbed State, by Y. Iwakami, 12pp.

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Vol LXXX, No 10, 1959, pp 1094-1097.

NRCC C-3950

Sci+Chem
Nov 63

243, 038

R-5578-D

16 July 65

Studies on the Influence of Ethanol Upon the Function
of Labyrinth, Especially Upon the Motor Driving Under
Drunkness

By: Sanoa Inaki

From: AKTA MEDICA No 31, 1961 pp 1022-1035 (14 pp)

Japanese - est. for vda:

Type an original copy only. (2 xerox copies) Include
all figures and charts.

Iwada, and Tsuji.
INFLUENCE DE CATALYSEURS SUR LA RÉACTION
DE TRANSPOSITION ORTHO, META ET PARA. II.
NITRATION DE CHLORURE DE BENZYLE (Influ-
ence of Catalysts on the Ortho, Meta and Para Trans-
position Reaction. II. Nitration of Benzylchloride).
7p. 4refs. CNRS-VIII bis 282.
Order from OTS, ETC or CNRS \$1.10 TT-62-26718

Trans. In French of Unidentified Japanese language
article, n.d.

DESCRIPTORS: *Nitration, Chlorides, *Molecular
isomerism, Experimental data, *Benzenes.

(Chemistry--Organic, TT, v. 11, no. 11)

TT-62-26718

- I. Iwada
- II. Tsuji
- III. CNRS-VIII bis 282
- IV. Centre National de la
Recherche Scientifique,
Paris

Office of Technical Services
European Translations Centre

An Apparatus for the Chlorination of Acetylene. J
Nakamura and O. Iwada Inventors, 3 pp.

JAPANESE, Patent No 5020, 1951; Date of Appli-
cation Dec 29, 1949.

ATS-77812J

Sci - Magr

Jun 59

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The Hydeal Process for Naphthalene Production, by
Haruo Yoshioka, Takayuki Iwaki.

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pp 389-392.

ILL M. 3062

Sci

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Feb 62

Preparation of Blockcopolymer of Polyaminotriazole
and Polyacrylonitrile, by Y. Iwakura.

JAPANESE, per, Kobunshi Kagaku, Vol XIX, No 203, 1962,
pp 161-168.

MLL Ref: 5828.4 1562 (10089)
(Loan)

Sci -
Jul 63

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Preparation of Blockcopolymer of Polysaminotriazole
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JAPANESE, per, Kobunshi Kagaku, Vol 19, No 203,
1962, pp 8-161
NII M/ 10089

Y. IWAKURA

Sci -
Jul 67

334,101

The Melting-Point Depression of Water in Sorbed
State, by M. Iwahara.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXX, No 10,
1959, pp 1094-1097.

HLJ Ref: 8732 1962
(10 403)
(loan)

Sci. - Physics
Oct 63

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Iwama, Selys and Okamoto, Katsumi.
SURFACE TREATMENT METHOD FOR POLY-
LEFIN SYSTEM SYNTHETIC RESIN FIBER PRO-
DUCTS. [1963] 5p.
Order from OTS or SLA \$1.10

63-16402

Trans. of [Japanese] official announcement of applica-
tion for patent 37 Shows (1962) 5, 123, official announce-
ment 25 June 62, appl. 26 Dec 58, patent application
33 Shows (1958) 37, 426, by Hiram Spinning Co.

DESCRIPTORS *Fibers (Synthetic), *Polyethylene
plastics, Surfaces, *Adhesives, *Coatings, *Chloro-
sulfonic acid, Vapors, *Dyes.

The invention deals with a treatment method which is
characterized by the fact that nascent gas which evolves
from chlorosulfonic acid is caused to contact, at room
temperature, fibers, woven materials, or other fibrous
products which are made by using polyolefin systems
(Materials-- Textiles, TT, v. 10, no. 7) (over)

63-16402

I. Iwama, S.
II. Okamoto, K.
III. Patent (Japan) pub. 37-5823

1247365

Office of Technical Services

Iwamoto, H.
STUDIES OF MOLD PREVENTION ON INDUSTRIAL
PRODUCTS. XII. THE ANTIFUNGAL ACTIVITY OF
VARIOUS COMPOUNDS. 6. ORGANOTIN COMPOUNDS.
[Apr 64] 6p
Order from ATS \$8.00 ATS-22R75]

Trans. of Hakko Kyokaiishi (Japan) 11961, v. 19
p. 401-404.

(Chemistry, TT, v. 12, no. 2)

TT-64-22090

- I. Iwamoto, H.
- II. Title: Antifungal...
- III. Title: Organotin...
- IV. ATS-22R75]
- V. Associated Technical
Services, Inc.,
East Orange, N. J.

11961004

Office of Technical Services

Fat Production by Micro-organisms, by H.
Iwamoto.
JAPANESE, per, Yokagaku, Vol 12, No 6, 1963.
pp 549.
(NRG/Ref: C-5007)

Sci -
Aug 67

H. IWAMOTO

339.880

Iwamoto, M., Kikuti, H. and Naito, T.
SUR LES FLUCTUATIONS DE LA VITESSE ANGULAIRE DE ROTATION DE LA BROCHE PRINCIPALE SUPPORTÉE DANS LES ROULEMENTS PLANS D'UN TOUR (On the Fluctuation of Rotational Angular Velocity of the Main Spindle Supported in the Plane Bearings of a Lathe). 18p. (foreign text included) 6 refs. CNRS-XXV 412.

Order from OTS, ETC or CNRS \$0.80 TT-62-26393

Trans. in French of [Nihon Kikai-Gakkaishi Rombunshu] (Japan), 1958, v. 24, no. 142, p. 398-403.

DESCRIPTORS: *Lathes, *Rotation, Velocity.

(Machinery, Fabrications and Accessory Equipment, TT, v. 11, no. 7)

TT-62-26393

- I. Iwamoto, M.
- II. Kikuti, H.
- III. Naito, T.
- IV. CNRS-XXV 412
- V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Layout and Operation of the Basic Oxygen DL Plant
at Chiba Japan Works, by E. Iwamura, Y. Yagi,
et al.

JAPANESE, per, Tetsu to Hagane, Vol XLIX, No 3,
1963, pp 392, 393.

HB 5926

Sci- Engr
Dec 63

243, 927

Application of Stereographic Projection
on Muller's Net to Some Stereochemical
Problems, by H. Iwamura.
JAPANESE, per, Kagaku no Ryoiki, Vol XVII,
No 12, 1963, pp 22-28.
NII 10-59-64

Sci - Biol & Med Sci
Aug 65

H. Iwamura

284,382

The Study of Intramolecular Interaction
Between Hydroxyl Group and π -Electrons,
by H. Iwamura.
JAPANESE, per, Kagaku to Kogyo, Vol XVII,
No 6, pp 617-625.
WH 10-58-64

H. Iwamura

Sci - Biol & Med Sci
Aug 65

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(DC-5251)

Views of Left-Wing Japanese on the World
Situation ~~III~~ and Communist China, by Yoshitaro
Hirano, Kazuo Suzuki, Michio Iwamura, et al,
15 pp.

JAPANESE, per, Ajia Keizai Junpo, I No 454-5,
N 1 Jan 1961, pp 1-21.

JPRS 8485

FR - Japan
Pol
Jul 61

158,272

(NY-5798)

Down-to-the-Countryside Movement of Communist
Cadres, by Iwasura Michio, 11 pp.

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20 Dec 1960, pp 1-9.

JPRS 7761

150,634

FE - China

Econ

May 61

(NY-4565)

Conference of Militia Leaders in Communist China,
by Michio Iwamura, 8 pp.

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20 May 1960, pp 1-7.

JPRS 5313

FE - China

Pol

Aug 60

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Transmission of Images on Negative Film for
Television, by K. Hiwatashi, S. Iwamura.

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Vol. XIX, No 3, 1960, pp 199-223.

REL M 8948

Sci - Electron
May 63

229,803

Report of the Center for Southeast Asia Studies,
Kyoto University, by Iwamura Shinobu, 43 pp.
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30 June 1964, pp 1-24.
JPRS 24139

FE-Japan
Soc
Feb 65

P54

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Evaluation of the Precision of Calculation
of the Position of Aircraft, by T. Ivan,
9 pp.

POLISH, per, Wojskowy Przegląd Lotniczy,
No 7, Jul 1962, pp 14-20.

JPRS 16338

Star - Poland
Mil
Nov 62

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Iwanaga, Ryoji, Fujii, Takashi and others.
THE EFFECT OF ORGANIC BASES ON THE RATES
OF OXO REACTIONS. Studies on the Oxo Reactions,
no. 2, May 62, 11p. 5 refs.
Order from SA \$18.00 SA Code-92

Trans. of [Kogyo Kagaku Zasshi (Japan) 1960, v. 63,
no. 10, p. 1754-1757].

DESCRIPTORS: *Chemical reactions, *Oxo process,
Reaction kinetics, *Pyridines, Organic compounds,
Acrylic acids, Methyl radicals, Amines, Ethyl rad-
icals, *Cobalt compounds, *Carbonyl radicals, Syn-
thesis, Catalysts, Catalysts.

(Chemistry--Organic, 17, v. 8, no. 3)

62-17047

- I. Iwanaga, R.
- II. Fujii, T.
- III. Title: Studies...
- IV. SA Code-92
- V. Seizaburo Aoki (Japan)

812052

Office of Technical Services

Separation Method of Amino Acids, by Toichi
Yoshida, Ryoji Iyemasa, 5 pp.
JAPANESE, Patent 4472 (1953) Filed 13 Mar
1952, Pub 9 Sep 1953.

SLA 60-14810

187, 006

Mar 62

Removal of Ashes Contained in Crude Basic Amino
Acids⁵, by Yoshitaro Takayama, Ryoji Iwanaga,
3 pp.

JAPANESE patent 6433 (1951) Filed 14 Feb 1950,
Pub 17 Oct 1952.

SLA 60-14006

186, 312

Mar 62

Iwanami, Yuesuo.

REACTION OF DIETHYL ACETYLENEDICARBOXYL-
ATE WITH 2,3- AND 1,8- NAPHTHYLENEDIAMINE.
Rept. 10 of Reactions of Acetylene Carboxylates with
Amines. [1962] 11p. 23 refs.

Order from SLA \$1.60

63-10915

Trans. of Nihon Kagaku Zasshi (Japan) 1962, v. 83,
no. 5, p. 597-600.

DESCRIPTORS: *Ethyl radicals, *Acetylenes, Car-
boxylic acids, *Esters, *Naphthalenes, *Amines,
Chemical reactions, Infrared spectroscopy

(Chemistry--Organic, TT, v. 10, no. 1)

63-10915

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